

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A handover control method used in a mobile communication system which includes communication apparatuses having functions of base stations, a mobile station and a communication control apparatus which controls connections between said communication apparatuses and said mobile station, wherein said mobile station switches a communication apparatus of a communication partner to another communication apparatus when a communication quality value between said communication apparatus of said communication partner and said mobile station falls below a first threshold which is better than a limitation value by which communication is available, said handover control method comprising the steps of:

said communication control apparatus:

receiving a handover history from the mobile station, said handover history identifying origination and destination base stations of previous successful handovers of the mobile station;

selecting at least a handover destination candidate communication apparatus from among communication apparatuses surrounding said communication apparatus of said communication partner based at least on the received handover history when ~~said communication quality value falls below a second threshold which is better than said first threshold;~~

reserving wireless resources of said at least a handover destination candidate communication apparatus which is selected;

notifying said mobile station of a handover destination candidate communication apparatus for which wireless resources are reserved in said at least a handover destination candidate communication apparatus; and

said mobile station switching said communication apparatus of said communication partner to said handover destination candidate communication apparatus which is notified by said communication control apparatus when said communication quality value falls below said first threshold.

Claim 2 (Canceled).

Claim 3 (Previously Presented): The handover control method as claimed in claim 1, further comprising the steps of:

said mobile station judging whether said communication quality value falls below said second threshold, and

sending a request for selecting said at least a handover destination candidate communication apparatus to said communication control apparatus when said communication quality value falls below said second threshold.

Claim 4 (Previously Presented): The handover control method as claimed in claim 1, further comprising the steps of:

when said communication control apparatus selects a plurality of handover destination candidate communication apparatuses, said communication control apparatus determining priorities of said plurality of handover destination candidate communication apparatuses;

said communication control apparatus notifying said mobile station of handover destination candidate communication apparatuses in said plurality of handover destination candidate communication apparatuses for which wireless resources are reserved and corresponding priorities;

said mobile station switching said communication apparatus of said communication partner to one of said notified handover destination candidate communication apparatuses according to said priorities.

Claim 5 (Original): The handover control method as claimed in claim 1, comprising the steps of:

said mobile station sending mobile station information to said communication control apparatus, said mobile station information including a history of movement of said mobile station and received powers of perch channels from communication apparatuses surrounding said communication apparatus of said communication partner;

said communication control apparatus having a history of mobile station information, said history of mobile station information including a history of movement of said mobile station and received powers of perch channels from communication apparatuses surrounding said communication apparatus of said communication partner for past successful handover; and

said communication control apparatus selecting said at least a handover destination candidate communication apparatus according to said mobile station information sent from said mobile station and said history of mobile station information for past successful handover.

Claim 6 (Previously Presented): The handover control method as claimed in claim 5, further comprising the steps of:

when said communication control apparatus selects a plurality of handover destination candidate communication apparatuses, said communication control apparatus determining priorities of said plurality of handover destination candidate communication apparatuses

according to said mobile station information sent from said mobile station and said history of mobile station information for past successful handover.

Claim 7 (Previously Presented): The handover control method as claimed in claim 5, further comprising the steps of:

said communication control apparatus holding said history of mobile station information for all communication apparatuses controlled by said communication control apparatus.

Claim 8 (Previously Presented): The handover control method as claimed in claim 5, further comprising the steps of:

said communication control apparatus holding said history of mobile station information by each combination of a communication apparatus of handover origination and a communication apparatus of handover destination.

Claim 9 (Previously Presented): The handover control method as claimed in claim 8, further comprising the steps of:

said communication control apparatus selecting a communication apparatus of handover destination corresponding to history data in said history of mobile station information in which a correlation value between said history data and said mobile station information sent from said mobile station is equal to or larger than a predetermined value.

Claim 10 (Previously Presented): The handover control method as claimed in claim 9, further comprising the steps of:

when said communication control apparatus selects a plurality of handover destination candidate communication apparatuses, said communication control apparatus determining priorities of said plurality of handover destination candidate communication apparatuses according to said correlation value.

Claim 11 (Canceled).

Claim 12 (Currently Amended): A communication control apparatus in a mobile communication system which includes communication apparatuses having functions of base stations, a mobile station and said communication control apparatus which controls connections between said communication apparatuses and said mobile station, said communication control apparatus comprising:

a switching part for allowing said mobile station to switch a communication apparatus of a communication partner to another communication apparatus when a communication quality value between said communication apparatus of said communication partner and said mobile station falls below a first threshold which is better than a limitation value by which communication is available,

the switching part having:

a part for receiving a handover history from the mobile station, said handover history identifying origination and destination base stations of previous successful handovers of the mobile station

a part for selecting at least a handover destination candidate communication apparatus from among communication apparatuses surrounding said communication apparatus of said communication partner based at least on the received handover

~~history when said communication quality value falls below a second threshold which is better than said first threshold;~~

a part for reserving wireless resources of said at least a handover destination candidate communication apparatus which is selected; and

a part for notifying said mobile station of a handover destination candidate communication apparatus for which wireless resources are reserved in said at least a handover destination candidate communication apparatus.

Claim 13 (Canceled).